

World Space Week

What is World Space Week?

World Space Week is a big space event on Earth that happens between 4th October and 10th October every year. Its goal is to look at how space science and technology help us on Earth. This year will be the 20th celebration of World Space Week.

World Space Week 2019

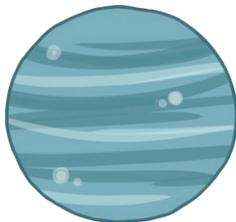
This year, the theme for World Space Week is 'The Moon: Gateway to the Stars'. The theme looks at the Moon because this year is the 50th anniversary of the first footprints on the Moon.

The Moon is very important to us on Earth because it changes the waves in the oceans.

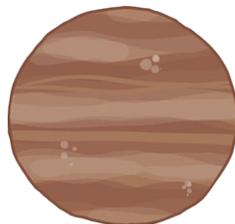
Our Solar System

We think our Solar System was made around 4.6 billion years ago!

There are eight planets in our Solar System that travel around the sun. These are:



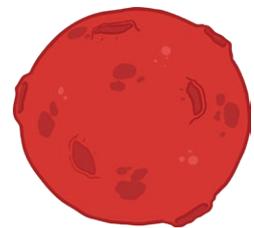
Mercury



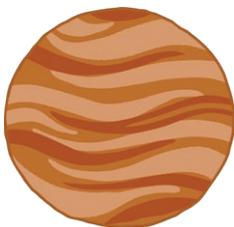
Venus



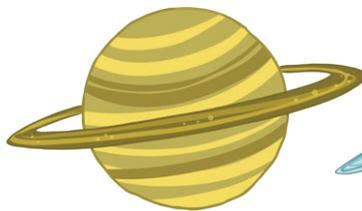
Earth



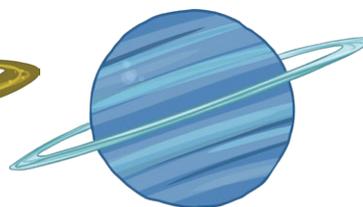
Mars



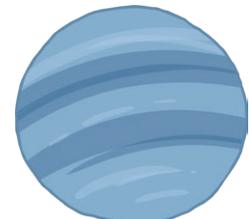
Jupiter



Saturn



Uranus



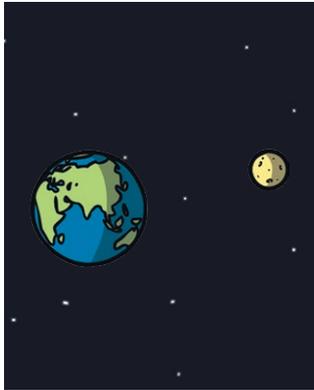
Neptune

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The Moon

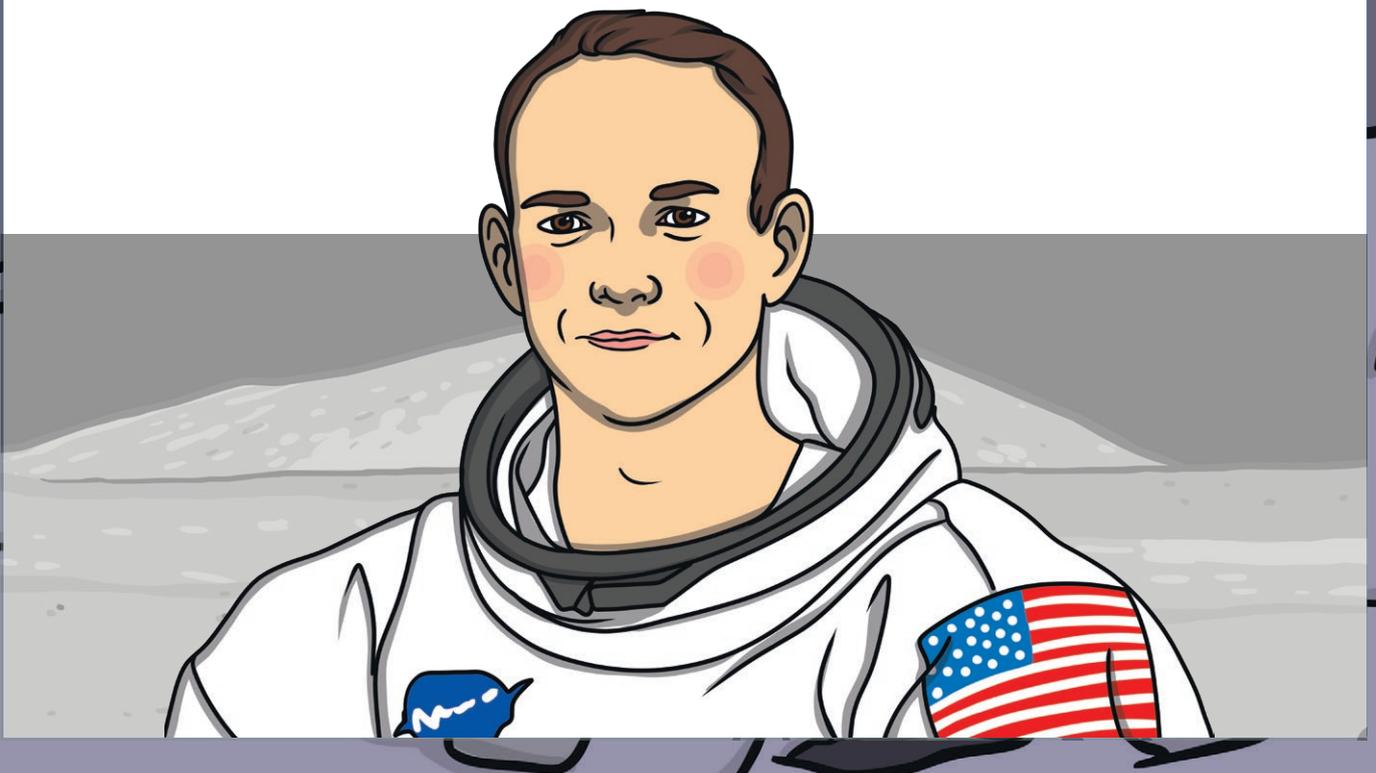
The first mission to the Moon on 16th July 1969 was called Apollo 11. Three astronauts called Neil Armstrong, Edwin 'Buzz' Aldrin and Michael Collins were sent by an American space group called NASA.

Four days later, Neil Armstrong and Edwin 'Buzz' Aldrin were the first humans to walk on the Moon. The footprints and tyre tracks made that day will stay there forever because there is no wind to blow them away.



Did You Know...?

1. We have 166 moons in our Solar System but only one travels around Earth.
Picture of Earth with the Moon orbiting.
2. The Moon is $\frac{1}{4}$ the size of Earth.



Questions

1. In which month does the World Space Week event happen? Tick **one**.
 - January
 - December
 - October
2. Which anniversary will World Space Week celebrate this year? Tick **one**.
 - 30th anniversary
 - 20th anniversary
 - 40th anniversary
3. Which of these astronauts landed on the Moon? Tick **one**.
 - Bob Armstrong
 - Nelly Armstrong
 - Neil Armstrong
4. How many planets are in our Solar System? Tick **one**.
 - four
 - eight
 - seven
5. Which planet is now a 'dwarf planet'? Tick **one**.
 - Earth
 - Neptune
 - Pluto
 - Jupiter

Answers

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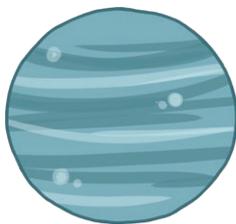
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The Moon is very important to us on Earth because it affects the waves in the oceans.

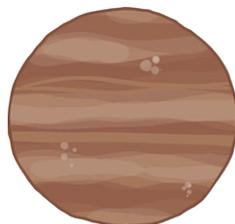
Our Solar System

We believe our Solar System was created around 4.6 billion years ago!

There are eight planets in our Solar System that travel around the sun. These are:



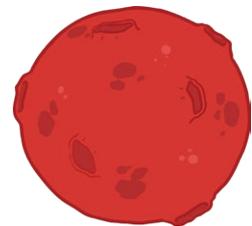
Mercury



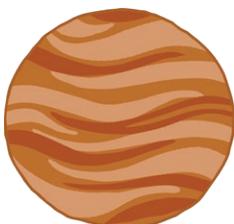
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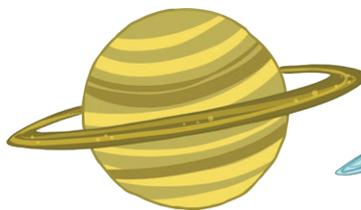
Earth



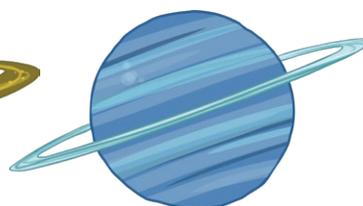
Mars



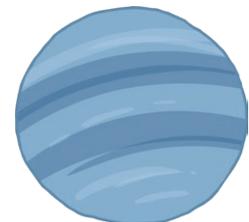
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The Moon

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Four days later, Neil Armstrong and Edwin 'Buzz' Aldrin were the first humans to walk on the Moon. The footprints and tyre tracks made that day will stay there forever because there is no wind to blow them away.



Did You Know...?

1. We actually have 166 moons in our Solar System but only one travels around Earth.
2. The Moon is $\frac{1}{4}$ the size of Earth.



Questions

1. On what day does World Space Week start? Tick **one**.

- 4th November
- 20th August
- 4th October

2. What is the name of the 'dwarf planet' in our Solar System?

3. Draw lines to match these sentences.

We believe our Solar System was created	in our Solar System.
The first mission to the Moon	around 4.6 billion years ago!
There are eight planets	on the 16 th July 1969 was called Apollo 11.

4. Circle **true** or **false** to show whether these sentences are correct.

There are seven planets in our Solar System.	True/False
Michael Collins did not walk on the Moon.	True/False
The footprints and tyre tracks made on the Moon will stay there forever.	True/False

5. What is the goal of World Space Week 2019?

Answers

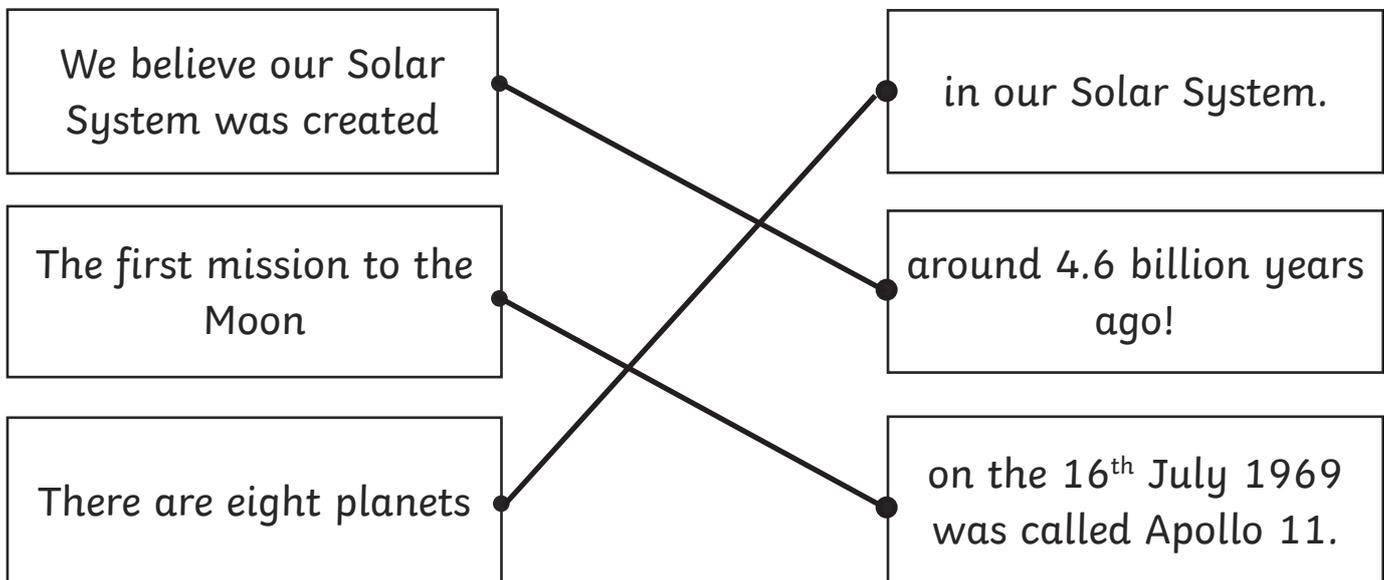
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Pluto

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World Space Week looks at how space science and technology can help us on Earth.

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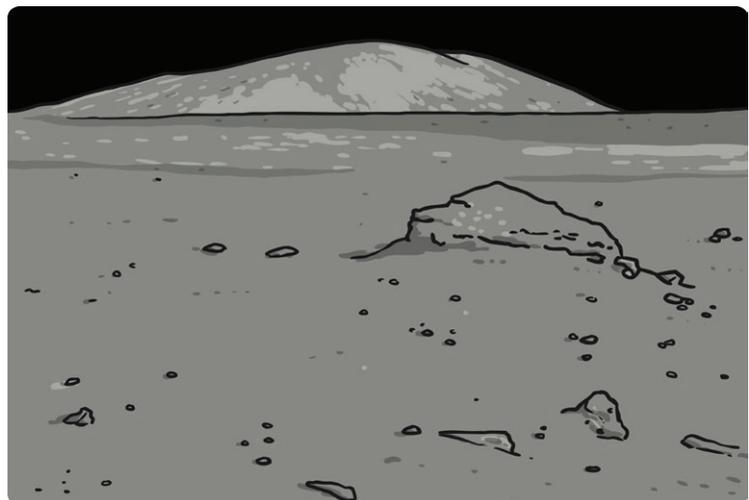


Did You Know...?

1. We actually have 166 moons in our Solar System but only one orbits Earth.
2. The Moon has mountains. This highest mountain is called Mons Huygens.

The Moon is very important to us on Earth because it affects the waves in the oceans. The moon's gravity pull creates the rise and falls in sea levels, this is known as tides.

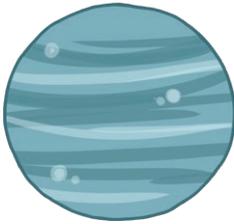
Our earliest fossil findings show that life began in the oceans. Millions of years ago, many creatures that used to live in the ocean were pushed ashore by the waves and have now adapted to live on land.



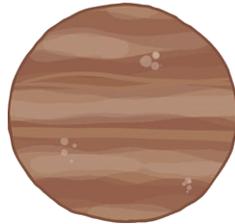
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Our Solar System is believed to have formed around 4.6 billion years ago!

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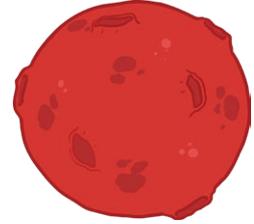
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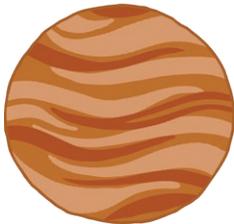
Venus



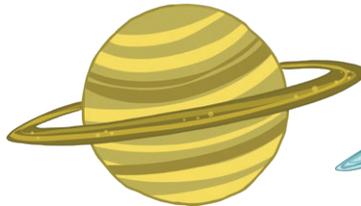
Earth



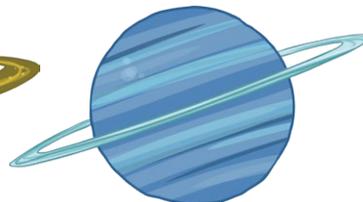
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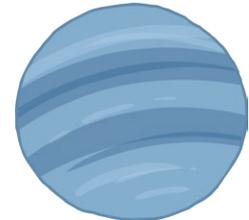
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In 2006, scientists decided that Pluto was not large enough to be a planet. It is now called a 'dwarf planet'.

The Moon

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On 20th July 1969, Neil Armstrong and Edwin 'Buzz' Aldrin were the first humans to walk on the Moon. As Neil Armstrong made his first step on the Moon he famously said, 'That's one small step for man, one giant leap for mankind.' The footprints and tyre tracks created that day will stay there forever as there is no wind to blow them away.

Questions

1. What is World Space Week? Tick **one**.

- A day for people to go to space.
- A time to look at the stars in an observatory.
- A time to celebrate space science and technology.

2. **Find** and **copy** the word that means **the rise and falls in sea levels**.

3. Circle **true** or **false** to show whether these sentences are correct.

There are 166 moons in our solar system.	True/False
Three astronauts were sent to space on the 16 th July 1969.	True/False
Neil Armstrong and Edwin 'Buzz' Aldrin were the last astronauts to walk on the Moon.	True/False

4. How do we know most creatures used to live in the ocean?

5. Fill in the missing words.

Our Solar _____ is believed to have _____
around 4.6 _____ years ago!

6. What did Neil Armstrong famously say when he walked on the Moon? Why do you think he said that? Explain your answer fully.

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Our earliest fossil finds are of sea creatures.

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Pupils' own responses, such as: Neil Armstrong famously said 'That's one small step for man, one giant leap for mankind.' I think he said that because he was taking a small step but it was a big leap for the rest of the world as it was something that had never been done before.